| Index of Cl | laims         | Арр  | lication | No.          | Applicant(s) SHENG ET AL. |          |  |  |
|-------------|---------------|------|----------|--------------|---------------------------|----------|--|--|
|             |               | 10/7 | 91,459   |              |                           |          |  |  |
|             |               | Exar |          | Art Unit     |                           |          |  |  |
| <b>!</b>    |               | Jern | nele M.  | Hollington   |                           | 2829     |  |  |
| √ Rejected  | _ (Through no |      | N        | Non-Elected  | Α                         | Appeal   |  |  |
| = Allowed   | ÷ Restric     | ted  | 1        | Interference |                           | Objected |  |  |

| Cla  | aim        | Date       |          |  |  |  |          | Claim           |          | Date     |                |          |                |          |          | С        | aim      | Date        |          |          |          |            |          |  |              |         |         |   |                 |                 |
|--|------------|------------|----------|--|--|--|----------|-----------------|----------|----------|----------------|----------|----------------|----------|----------|----------|----------|-------------|----------|----------|----------|------------|----------|--|--------------|---------|---------|---|-----------------|-----------------|
|  |            |            |          |  |  |  |          |                 |          |          |                |          |                |          |          | Т        |          | T           | Τ        | П        |          |            |          | T  | T            | T       |         |   |                 | П               |
| Final  | Original   | 8/28/04    | 1/6/05   |  |  |  |          |                 | . [      |          | Final          | Original |                |          |          |          |          | 1           |          |          | Final    | Original   |          |  | 1            |         |         |   |                 | H               |
| 這  | ] i        | 2          | 1/6      |  |  |  |          |                 |          |          | i <del>-</del> | rig      | Н              |          | ı        |          |          | 1           |          |          | i=       | l ë        |          |  | ļ            |         |         |   |                 | H               |
|  | 0          | ۳          |          |  |  |  |          |                 |          |          | 1              | O        |                |          |          |          |          | 1           |          |          |          | ١٥         |          |  | 1            |         |         |   |                 | H               |
| 1  | 1          | 1          | =        | Π                                      | <b>一</b>   |  |          | П               | $\neg$   | _        |                | 51       | П              | $\Box$   | $\neg$   | $\neg$   |          | $\neg \neg$ | $\top$   | П        |          | 101        |          |  | Ť            | 1       | T       | $\top$  | П               | П               |
| 2  | 2          | 1          | 1        |  |  |  |          |                 |          |          |                | 52       |                |          |          | T        |          | $\top$      | 1        | П        |          | 102        |          | П  |              |         |         |   | П               | П               |
| 3  | 3          | Π          | П        | П                                      |  |  |          |                 |          |          |                | 53       | П              | $\Box$   | $\Box$   | ヿ        |          | $\top$      |          |          |          | 103        |          | П  | T            | T       | Т       |   | П               | П               |
| 4  | 4          | П          | П        |  |  |  |          |                 |          |          |                | 54       | П              |          |          | $\neg$   |          | Т           |          | П        |          | 104        |          |  |              | Т       | Τ       |   | П               | $\Box$          |
| 5  | 5          |            | П        |  |  |  |          |                 |          |          |                | 55       |                |          |          |          |          |             |          |          |          | 105        |          |  |              |         |         |   |                 |                 |
| 6  | 6          | I          | $\Box$   |  |  |  |          |                 |          |          |                | 56       |                |          |          |          |          |             | 1        |          | L        | 106        |          |  |              |         |         |   |                 |                 |
| 7  | 7          | П          | П        |  |  |  |          |                 |          |          |                | 57       |                |          |          |          |          |             | L.       |          |          | 107        |          |  |              |         |         |   |                 |                 |
| 8  | 8          |            | Ц        |  |  |  |          | Ш               |          |          |                | 58       | Ш              |          |          | $\perp$  |          |             | <u> </u> | Ш        |          | 108        | <u> </u> |  |              | $\perp$ | $\perp$ | $\perp$   | Ш               | Ш               |
| 9  | 9          | Ц          | Ц        |  |  |  |          |                 |          | _        |                | 59       | Ш              | $\Box$   |          | $\perp$  |          | ┸           |          | Ш        |          | 109        |          | Ш  |              | $\perp$ | $\perp$ | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш               | Ш               |
| 10   | 10         | Ц          | Ц        | L                                      | L  |  |          |                 |          | _        |                | 60       | Ш              |          |          |          | $\perp$  | ┸           |          | Ш        |          | 110        |          | Ш  |              |         |         |   | Ш               | Ш               |
| 11   | 11         | Ц          | Ш        |  |  |  | $\Box$   |                 |          |          |                | 61       | Ш              |          |          | _        |          | ┸           |          | Ш        |          | 111        |          |  |              |         | ┸       |   | Ш               | Ш               |
| 12   | 12         | Ш          | Ш        | _                                      | <u> </u>   | <u> </u>                                     | <u> </u> | <u> </u>        | $\perp$  | _        |                | 62       | Ш              | $\Box$   | ļ        | $\dashv$ | _        | $\bot$      | $\perp$  | Ш        | <u> </u> | 112        |          | $\sqcup \!\!\!\! \perp$                          | $\perp$      | $\perp$ | $\perp$ | $\perp$   | Ш               | Ш               |
| 13   | 13         | Ц          | 1        | $oxed{igspace}$                        | _  | $oxed{oxed}$                                 | Ш        | Ш               | $\sqcup$ |          | <u></u>        | 63       | Ш              | Ш        |          | _        |          | $\perp$     | 1        | Ш        | <u> </u> | 113        |          | $\sqcup \bot$                                    | $\downarrow$ | $\perp$ | _       |   | Ш               | Щ               |
| 14   | 14         | Ц          | 1        | ┖                                      |  |  |          |                 |          |          |                | 64       |                |          | _        | _        |          |             |          | Ш        | L_       | 114        |          | $\sqcup$   | $\perp$      | $\perp$ | ┸       | ↓_  | Ш               | Ш               |
| 15   | 15         | Ш          | $\Psi$   | $oxed{igspace}$                        |  | L  | Ш        | Ш               | $\perp$  | _        |                | 65       |                | _        |          | _ļ       | 4        | ┦           | ╀        | Ш        | L        | 115        |          | $\sqcup$   | $\perp$      | _       | ┸       | ╄   | Ш               | Ш               |
|  | 18         | Ц          | L,       | _                                      | _  |  | _        | Щ               |          | _        |                | 66       | Ш              | $\perp$  | _        | _        | 4        | ᆚ_          | <u> </u> | Ш        | <u> </u> | 116        |          | $\sqcup$   |              | _       | _       | $oldsymbol{oldsymbol{\perp}}$   | Ш               | Ш               |
| 16   | 17         | Ш          | *        | _                                      | L.   |  |          |                 | $\perp$  | _        |                | 67       | Ш              |          | _        | _        |          | ┦_          | ↓_       | Ш        | <u> </u> | 117        |          | $\sqcup$   | _            | _       | _       | ╄   | Ш               | Ш               |
| 17   | 18         | Щ          | Ш        | _                                      | Ļ  |  |          |                 |          | _        | <u> </u>       | 68       | Ш              |          |          | 4        | _ _      | ┦_          | ╄-       | Ш        | <u> </u> | 118        |          | $\sqcup$   | 4            | 4       | ╄       | <u> </u>  | Ш               | Ш               |
| 18   | 19         | Ш          | Щ        | ↓_                                     | _  |  |          |                 | $\perp$  | _        |                | 69_      | Ш              |          | _        | _        | _        |             | 4_       | Ш        | <u> </u> | 119        |          | $\sqcup$   | _            | _       | $\perp$ | ╄   | $\square$       | Ш               |
| 19   | 20         | Ш          | 11       | _                                      | ·  | _  |          | Ш               |          |          |                | 70       |                |          | _        | _        |          |             | 1        | Ш        | <u> </u> | 120        | _        | igspace  | 4            | _       | _ _     | ┦   |                 | Ш               |
| 20   | 21         | IL.        | Ц,       | ļ                                      |  |  |          |                 |          |          | ļ              | 71       |                | $\sqcup$ | _        | _        | _        | $\perp$     | 1_       | Ш        |          | 121        |          | $\vdash$   | 4            | _       | 4_      | 4_  | Ш               | Ы               |
| 21   |            | Y          | 4        | ــــــــــــــــــــــــــــــــــــــ |  | Ш  |          | Щ               | -        |          | <u> </u>       | 72       |                | _        | _        | 4        | 4        |             | 1_       | Ш        | -        | 122        | _        | $\vdash$   | _            | - -     | ┦_      | +-  | $\square$       | Ш               |
|  | 23         | _          | _        | <u> </u>                               | _  |  |          |                 |          | _        |                | 73       |                |          | _        | $\perp$  |          | $\bot$      | 1_       | Ш        |          | 123        | _        | $\vdash$   |              | _       | $\bot$  | ╄   | Ш               | Н               |
| <u> </u>   | 24         | _          |          | ┞                                      | _  |  |          | <u> </u>        | -        |          | <u> </u>       | 74       |                |          | $\dashv$ | $\dashv$ | +        | +           | $\bot$   | Н        | <u> </u> | 124        |          |  | 4            | -       | -       | ┼   | $\vdash \vdash$ | $\vdash$        |
|  | 25         | <u> </u>   |          | ↓_                                     | ļ  |  | _        | Ш               | _        | 4        | <u> </u>       | 75       |                | _        | _        | 4        | -        |             | <b>-</b> | Н        | <u> </u> | 125        |          | $\vdash$   | _            | 4       | +       | ╄   | Ш               | $\vdash \vdash$ |
|  | 26         |            | <u> </u> | <u> </u>                               | <u> </u>   | _  |          |                 |          | 4        | <u> </u>       | 76       | Н              |          |          | -        |          |             | +        | Н        |          | 126        | L        | $\vdash$   | 4            | +       | +       | +   | ${oxdot}$       | Н               |
| <u> </u>   | 27         | <u> </u>   | -        | <u> </u>                               | <u> </u>   |  | _        | _               |          | 4        | <u> </u>       | 77       | Н              | $\dashv$ | 4        | _        | +        | +           | 1        | 1        |          | 127        | _        | $\vdash$   | _            | +       | +-      |   | $\vdash$        | Н               |
|  | 28         | _          | -        | <u> </u>                               | <u> </u>   |  |          | Н               |          |          | <u> </u>       | 78       | $\square$      | $\dashv$ |          | $\dashv$ | +        | +           | +        | Н        |          | 128        |          |  | +            | +       | +-      |   | $\vdash$        | Н               |
| <u> </u>   | 29         | ┡          | -        | -                                      | L  | _  |          | Н               | $\dashv$ | 4        |                | 79       | $\vdash$       |          |          |          | -        | +           | -        | Н        | -        | 129        |          | $\vdash$   | +            | +-      | -       | +   | $\vdash \vdash$ | $\vdash$        |
| <u> </u>   | 30         | <u> </u> - | <u> </u> | -                                      |  |  |          |                 | 4        | 4        | L              | 80       |                |          | -        | -        | -        | -           | +        | Н        | -        | 130        |          | $\vdash$   | ∔            | +       | +       | ╁   | $\vdash\vdash$  | $\vdash$        |
| <u> </u>   | 31         | <u> </u>   | <u> </u> | -                                      | -  | -  | -        | Н               | -        | 4        |                | 81       | $\vdash$       |          | -        | -        | -        |             |          | Н        | -        | 131        | H        | $\vdash \vdash$                                  | +            | +       | +       | ╀   | $\vdash$        | Н               |
| <u> </u>   | 32         | $\vdash$   | ⊢        | ├                                      | <del> </del>                                     | -  | $\vdash$ | Н               | $\dashv$ | $\dashv$ | <b> </b>       | 82       | $\vdash$       |          | $\dashv$ | $\dashv$ | +        | +-          | +        | $\vdash$ | -        | 132<br>133 | $\vdash$ | $\vdash\vdash$                                   | +            | +       | +       | +   | $\vdash \vdash$ | $\vdash\vdash$  |
| <u> </u>   | 33         | $\vdash$   |          |  | $\vdash$   |  | $\vdash$ | Н               | $\dashv$ | $\dashv$ | -              | 83<br>84 | $\vdash$       | $\dashv$ | $\dashv$ | +        | +        | +-          | +-       | H        | -        | 133        | H        | $\vdash$   | +            | +-      | +       | +   | Н               | $\vdash\vdash$  |
| <u> </u>   | 34<br>35   | ⊢          | ├        | ┝                                      | H  | -  | $\vdash$ | H               | +        | $\dashv$ | -              | 85       | Н              | $\dashv$ | $\dashv$ | +        | $\dashv$ | +           | ╀        | H        | -        | 134        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | +   | $\vdash$        | $\vdash\vdash$  |
| <del></del>                                      | <i>3</i> 5 | $\vdash$   | $\vdash$ | $\vdash$                               | $\vdash$   | $\vdash$                                     | $\vdash$ | Н               |          |          | -              | 86       | $\vdash$       |          |          | -+       | -+       | +           | +        | H        |          | 135        | $\vdash$ | $\vdash$   | +            | +       | +       | +   | $\vdash\vdash$  | $\vdash\vdash$  |
| <del> </del>                                     | 35         | ⊢          | ├-       | $\vdash$                               | $\vdash$   | $\vdash$                                     | $\vdash$ | H               | +        | $\dashv$ | -              | 87       | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$ | +        | +-          | +        | H        | -        | 136        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | +   | $\vdash \vdash$ | $\vdash$        |
| <u> </u>   |            | -          | $\vdash$ | $\vdash$                               | $\vdash$   |  | $\vdash$ | $\vdash$        | $\dashv$ |          | $\vdash$       |          | H              | $\dashv$ | $\dashv$ | +        | +        | +           | +        | H        |          | 137        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | $\vdash$  | $\vdash$        | $\vdash$        |
| <u> </u>   | 38<br>39   | <u> </u>   | $\vdash$ | $\vdash$                               | $\vdash$   | -  | $\vdash$ | $\vdash$        | +        | $\dashv$ | $\vdash$       | 88<br>89 | Н              | $\dashv$ | $\dashv$ | +        | +        | ┿           | ╁        | H        | -        | 139        | $\vdash$ | $\vdash$   | +            | +       | +       | +   | $\vdash \vdash$ | $\vdash \vdash$ |
| <del>                                     </del> | 40         | <u> </u>   | $\vdash$ | $\vdash$                               | -  | -  |          | $\vdash$        | -+       | $\dashv$ |                | 90       | $\vdash$       |          | $\dashv$ | $\dashv$ | $\dashv$ | +           | +        | H        | -        | 140        | $\vdash$ | $\vdash$   | +            | +       | +       | +   | $\vdash$        | Н               |
| -  | 40         |            | ├-       | -                                      | -  | -  | -        | $\vdash$        |          | $\dashv$ |                | 91       | $\vdash\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | +        | +           | ╫        | H        |          | 141        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | $\vdash$  | $\vdash$        | Н               |
|  | 41         |            | ├        | ┼                                      |  | -  | $\vdash$ | $\vdash$        | +        | $\dashv$ | -              | 92       | $\vdash$       | $\dashv$ | $\dashv$ | +        | +        | +           | +        | H        |          | 141        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | +   | $\vdash$        | $\vdash \vdash$ |
|  | 43         | $\vdash$   | $\vdash$ | $\vdash$                               |  | $\vdash$                                     |          | $\vdash$        |          | $\dashv$ | $\vdash$       | 93       | H              | $\dashv$ | $\dashv$ | +        | +        | +           | +        | H        |          | 143        | $\vdash$ | $\vdash$   | +            | +       | +       | +   | $\vdash\vdash$  | Н               |
| <u> </u>   | 43         | $\vdash$   | $\vdash$ | $\vdash$                               | <del>                                     </del> | -  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ |                | 94       | $\vdash$       |          | $\dashv$ | $\dashv$ | +        | +           | +        | $\vdash$ |          | 144        | $\vdash$ | $\vdash \vdash$                                  | +            | +       | +       | H   | $\vdash$        | $\vdash\vdash$  |
| <u> </u>   | 45         | $\vdash$   | ┢        |  | <del> </del>                                     | -  | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$       | 95       | $\vdash$       |          |          | -+       | +        | ╁           | ╁        | H        | -        | 145        | -        | <del>                                     </del> | +            | +       | +       | +   | Н               | Н               |
| <u> </u>   | 46         | $\vdash$   | $\vdash$ | $\vdash$                               | $\vdash$   | $\vdash$                                     | $\vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\vdash$       | 96       | $\vdash$       | $\dashv$ | -+       | $\dashv$ | -        | +           | +        | H        | -        | 146        | -        | -  | +            | +       | +       | ╁   | $\vdash \vdash$ | $\vdash$        |
| <del> </del>                                     | 47         | $\vdash$   | $\vdash$ | -                                      | -  | -  | $\vdash$ | $\vdash$        | -+       | $\dashv$ | $\vdash$       | 97       | $\vdash$       | $\dashv$ | $\dashv$ | }-       | -        | +-          | +        | $\vdash$ | -        | 147        | -        | ┝╼┝  | ╫            | +       | +-      | +   | $\vdash \vdash$ | $\vdash\vdash$  |
| <del> </del>                                     | 48         | $\vdash$   | $\vdash$ | $\vdash$                               | $\vdash$   | $\vdash$                                     | $\vdash$ | $\vdash$        | +        | $\dashv$ |                | 98       | $\vdash$       |          |          | +        | +        | +           | +        | H        | -        | 148        | $\vdash$ | ┝┼   | ╁            | +-      | +-      | ╁╌  | Н               | Н               |
|  | 49         | $\vdash$   | -        | $\vdash$                               | ┢  | -  | -        | $\vdash$        | -        | $\dashv$ | $\vdash$       | 99       | $\vdash$       | -+       | $\dashv$ | $\dashv$ | +        | +           | +        | H        | -        | 149        | $\vdash$ | $\vdash$   | +            | +       | +       | +-  | H               | Н               |
| <del> </del>                                     | 50         | $\vdash$   | -        | <del> </del>                           | <del>                                     </del> | <del>  -</del>                               | $\vdash$ | $\vdash$        | $\dashv$ |          | -              | 100      | Н              | $\vdash$ | -+       | $\dashv$ | +        | +           | +        | $\vdash$ | -        | 150        | $\vdash$ | $\vdash$   | ╁            | +       | +       | +   | H               | Н               |
|  | _~~        |            | 1        | ı .                                    | <u>.                                    </u>     | <u>.                                    </u> |          |                 |          |          |                | . 50     |                | ш        |          |          |          |             |          |          | L        | ,          |          |  | _1_          | _1      |         | 1   | لي              | 1 l             |